

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA
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USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

CORN AND SOYBEAN DEVELOPMENT MOVING FORWARD QUICKLY

Seasonable temperatures and rain late in the week promoted rapid corn and soybean crop development, according to the USDA, NASS, Minnesota Field Office. Although soils in southwest and northeast Minnesota are beginning to dry out, crop conditions for dry beans, sugarbeets, and sunflowers improved from last week.

The average temperature for the week was 63.7 degrees, 0.3 degrees below normal. Statewide topsoil moisture supplies as of September 2nd were rated 4% very short, 13% short, 75% adequate, and 8% surplus.

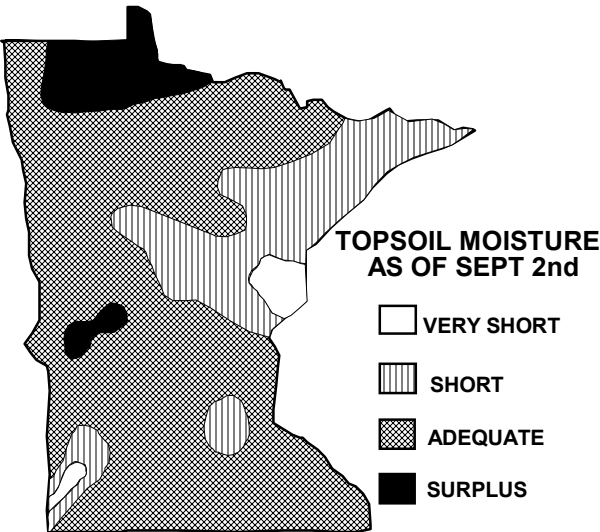
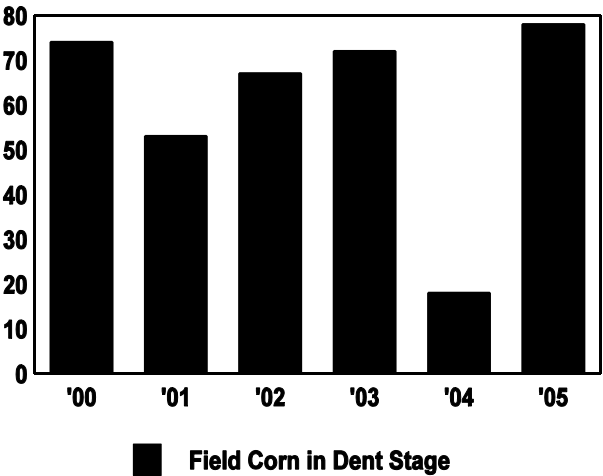
An estimated 94% of Spring Wheat acreage was harvested as of Sunday, compared with 39% for the same date in 2004 and 82% for the five-year average. Seventy-eight percent of the corn was in the dent stage versus 18% last year and 57% for the five-year average. Five percent of corn was mature versus 0% in 2004 and 6% for the five-year average. Corn for silage was 18% harvested versus 7% last year and 17% for the 5-year average. Forty-five percent of the soybeans were turning yellow compared with 29% last year and 44% for the five-year average. Eight percent of the soybeans were dropping leaves versus 2% last year and 10% for the 5-year average. Potatoes were 25% harvested and sweet corn was 71% harvested, both slightly ahead of average.

Days Suitable for Fieldwork: 5.9				
	Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)	4	13	75	8

Crop Progress as of September 4 , 2005					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Dough	98	90	68	90
	Dent	78	57	18	57
	Mature	5	1	0	6
Field Corn	Cut for Silage	18	6	7	17
Soybeans	Turning Yellow	45	16	29	44
	Dropping Leaves	8	1	2	10
Barley	Harvested	99	98	63	90
Spring Wheat	Harvested	94	76	39	82
Potatoes	Harvested	25	20	39	23
Canola	Harvested	85	77	39	56
Sweet Corn	Harvested	71	58	56	69

Crop Condition as of September 2, 2005 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	5	14	34	41	6
Field Corn	2	6	21	52	19
Soybeans	2	6	22	50	20
Dry Beans	2	5	31	51	11
Potatoes	1	4	20	66	9
Sunflowers	3	4	39	45	9
Sugarbeets	6	8	26	42	18

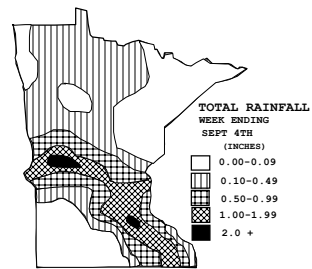
PERCENT OF FIELD CORN IN DENT STAGE
AS OF SEPTEMBER 4, 2005



Robert Purvis
Agricultural Statistician

Douglas A. Hartwig
Director

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING September 4, 2005:
Temperatures averaged from 1.9 degrees below normal in the Northeast District to 2.7 degrees above normal in the Southwest District.
Extremes: 89° in Canby; 31° in Hibbing. Precipitation averaged from 0.79 inch below normal in the Northeast District to 0.47 inch above normal in the West Central District. Greatest weekly total was 3.19 inches recorded in Alexandria.



Precipitation and Temperature Summary for 8/28/2005 through 9/4/2005

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm Since 4/1	Since May 4	Depart from Norm
<u>NW DIST 1</u>										
Crookston	78	42	62.8	-.5	0	-.69	2.74	2.01	1915	-69
Moorhead	86	44	65.0	.8	.25	-.36	5.42	7.13	2075	0
Warroad	73	46	58.8	-1.7	.21	-.53	.74	3.91	1649	-86
<u>NC DIST 2</u>										
Grand Rapids	86	39	60.8	.3	.03	-.84	-1.51	-3.84	1820	84
Intl. Falls	80	34	57.1	-2.0	.15	-.70	.84	2.87	1545	-84
Itasca	75	43	60.2	.7	.05	-.84	.00	-.87	1788	157
<u>NE DIST 3</u>										
Duluth	71	42	59.4	-.4	.03	-1.13	-3.02	-3.16	1609	85
Grand Marais	73	48	59.8	-.1	.09	-.78	-.83	-1.54	1105	-52
Hibbing	79	31	54.8	-4.4	.17	-.69	-2.06	-7.84	1587	5
<u>WC DIST 4</u>										
Alexandria	83	47	63.8	.3	3.19	2.33	5.41	6.46	2045	60
Browns Valley	82	44	65.4	-.2	2.00	1.41	3.13	6.84	2154	-37
Canby	89	47	68.7	1.8	0	-.68	-.43	-1.23	2371	76
Fergus Falls	80	45	63.6	-.3	.55	-.15	1.07	6.39	2099	86
Montevideo	82	44	65.1	-.5	.02	-.70	-.83	1.66	2238	55
Morris	78	44	63.6	-1.2	.70	.02	1.09	2.70	2079	-47
<u>CENT DIST 5</u>										
Becker	80	48	65.2	2.3	.84	-.17	.66	-1.03	2256	295
Collegeville	87	51	66.4	.3	1.41	.45	.66	1.24	2324	100
Hutchinson	81	48	64.8	-.6	1.07	.21	1.34	3.86	2282	79
Olivia	86	45	65.9	1.5	.12	-.72	1.16	4.61	2210	65
St. Cloud	87	44	64.1	1.2	.81	-.14	.84	-1.04	2161	200
Staples	75	46	60.6	-.8	.58	-.16	2.31	4.42	1881	106
Willmar	81	48	65.5	.7	.22	-.68	.60	-2.54	2211	70
<u>EC DIST 6</u>										
Aitkin	79	48	62.4	1.9	.08	-.81	-.98	.55	1875	196
Forest Lake	82	49	66.5	2.0	1.47	.40	-.09	-3.44	2283	189
MSP Airport	80	54	68.0	1.6	1.27	.36	1.74	.63	2490	204
St. Paul - UofM	78	50	66.4	-.9	.98	-.04	1.14	.01	2440	94
<u>SW DIST 7</u>										
Lamberton	87	50	67.5	2.1	0	-.80	-.60	2.26	2267	37
Pipestone	88	45	67.6	2.6	0	-.79	-1.41	3.50	2202	56
Redwood Falls	87	48	67.6	.6	0	-.82	-.58	.34	2311	-45
Worthington	88	47	67.0	2.7	0	-.82	.37	2.01	2245	154
<u>SC DIST 8</u>										
Faribault	80	47	65.1	.1	2.71	1.67	3.06	3.25	2245	117
Mankato	81	48	65.5	-.3	0	-1.03	1.21	-.66	2263	42
Waseca	80	47	65.6	.3	.74	-.32	1.16	2.40	2308	142
Winnebago	83	51	67.5	1.7	0	-.91	2.17	4.82	2339	121
<u>SE DIST 9</u>										
Preston	80	44	64.5	-.1	.80	-.33	1.82	1.78	2133	89
Red Wing	80	48	65.4	-.6	.71	-.30	.62	-2.65	2321	115
Rochester	79	48	65.1	1.0	1.02	.02	1.26	-3.05	2223	203
Rosemount	79	47	64.6	-1.3	.51	-.59	-.31	-4.58	2258	54
Winona	83	50	67.4	-.6	.22	-.82	.44	.32	2425	-11

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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